M. A. R. 57 (Rule 116)
Measurement Book

No. B

490129

Serial No. 2nd and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... B. Munirazu, Contractor. Bangalore

Date of commencement of work ..... D.O. Recording : 20/06/2018

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name of Work : Developments of Roads and drains in Ward No. 12, in Shettyhally Sub-Division.						
	Estimated cost Rs: 100.00 Lakhs						
	ID No. : 012-17-000041						
	Work order No : BE/DD/WO/210/2017-18 Dt 2.2.2018						
	Date of Commencement : 03-02-2018						
	Date of Completion :						

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

No. .....

490430

of Work ..... From..... To.....

of Contractor of nature of Agency .....

of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Earthwork excavating by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.50m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and directions of Engineer-in-charge of work.						
	Qty vide 24 no (1) = mB 588/17.18						
	P.no. 58726						
	= 1589.00 m³ @ 184.67/m³						
	2) Providing and laying in position plain cement concrete of						
	mix 1:4:8 with ope cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.85 m³ and fine aggregates @ 0.57 m³ reaching mixed content laid in layers not exceeding 15cms thick well compacted, in foundation, including costs of all materials, labours, tooling machines, curing complete as per specifications and directions of Engineer-in-charge of work.						
	Qty vide 24 no (2) mB no					Rs.	10,97,476.85
	= 588/17.18 P. 58729 = 202.70 @ 5414.39/m³						

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490431

No. .....
of Work ..... From..... To.....
of Contractor of nature of Agency .....
of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	③ Providing and laying in position reinforced cement concrete of design mix M.20 with opc cement @ 320 kg/m³ with 20mm and down size graded granite metal, coarse aggregate @ 0.69 m³ and fine aggregates @ 0.460 m³ with super plasticizers @ 3 lit confirming to IS-9103-1999 re-affirmed- 2008, machine mixed concrete laid in layers not exceeding 150mm thick, vibrated for all Works in final for footings, pedestals, retaining walls, staircase return walls, Cantilevers) including attached pilasters columns, piers, abutments, pillars, posts, struts, buttress string or bean courses, prepare bed blocks, etc complete, including costing all materials, labours, Hire of machinery, curing complete as per specifications of directing by Engineer-in-charge of the work.						
	(a) For drains and cable Battery Concrete.					Qty as per MB no. 588/17-18 Page no. 5	58738, 206.584
	(b) For drains Slab work						
	Ramesh Wadi C/o IIM CRRI-Road from-Laxmipuram	8 Nos	30.60	0.15	0.70	30.40	
		1 Nos	21.60	0.15	0.70	4.43	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Swd. to temple	2×2	30.00	0.15	0.70	12.60 m³	
		1×2	9.00	0.15	0.70	1.89	
	Temple to Agasi Temple	2×2	30.00	0.15	0.70	12.60	
		1×2	16.00	0.15	0.70	3.36	
	Temple opp. drain	1×2	9.30	0.15	0.70	1.95	
		1×2	22.00	0.15	0.70	4.62	
	10M CROSS Road	4×2	30.00	0.15	0.65	23.40	
		1×2	3.00	0.15	0.65	0.59	
		3×2	30.00	0.15	0.70	18.90	
		1×2	9.30	0.15	0.70	1.95	
	CROSS-Road Behind police station	1×2	29.70	0.15	0.80	7.13	
		1×2	33.00	0.15	0.80	7.92	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

490432

No. .....
of Work ..... From ..... To .....
of Contractor of nature of Agency .....
f commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1×2	30.00	0.15	0.80	7.20 m³	
	1×2	5.90	0.15	0.80	1.42	
	1×2	30.00	0.15	0.80	7.20	
	1×2	11.60	0.15	0.80	2.78	
	1×2	30.00	0.15	0.80	7.20	
	1×2	24.60	0.15	0.80	5.90	
3rd CROSS - Drdwshgn/ area. Length R=1	1×2	30	0.15	0.90	8.1	
	1×2	7.80	0.15	0.75	1.46	
	1×2	30.00	0.15	0.80	7.20	
	1×2	5.00	0.15	1.10	1.65	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		3×2	30.00	0.15	1.10	29.70	
		1×2	5.60	0.15	1.20	2.02	
	Reddy Health Complex Parallel End Road	1×2	30.00	0.15	0.70	6.30	
		1×2	25.00	0.15	0.70	5.25	
	For Cp. Walls CP1	2×1	4.10	0.35	0.75	2.15	
	11m C Road CP2	2×1	4.80	0.35	0.75	2.52	
	CP3	2×1	8.00	0.35	0.75	4.20	
	10m C Road CP4	2×1	6.00	0.30	0.75	3.15	
	CP5	2×1	6.60	0.35	0.78	3.47	
	Cross Road CP6	2×1	6.10	0.35	0.75	3.20	
	Behind police Stn CP7	2×1	4.50	0.30	0.75	2.36	

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No. B

490433

No. .....
of Work ..... From..... To.....
of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
3rd Cross Road CP Industrial area CP	2×1	6.30	0.35	0.75	3.31	
	2×1	8.00	0.35	0.75	4.20	
CP- Decided Hts CP1	1	4.10	1.50	0.23	1.41	
CP2	1	4.80	1.50	0.23	1.66	
CP3	1	8.00	1.50	0.23	2.76	
CP4	1	6.00	1.50	0.23	2.07	
CP5	1	6.60	1.50	0.23	2.28	
CP6	1	6.10	1.50	0.23	2.10	
CP7	1	4.50	1.50	0.23	1.55	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	RHS	1	6.30	1.50	0.23	2.17	
	CHS	1	8.00	1.50	0.23	2.76	
						499.30 kg	
				Total		499.00 kg	
				@		6687.06/kg	33.34

4) Providing and removing centring, shuttering, strutting, propping etc and removal of temp. works for various dimensions on walls at any storeys, including allowance, battens, planks, cills and lining complete, costing all material, labour, complete as per specification and directions of Engineer-in-charge.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 490434

No. _____
of Work _____ From _____ To _____
of Contractor of nature of Agency _____
commencement of work _____

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
				Carry c/d	582/17.16	
				P.No. 587736	@ 3934.00 kg	
					@ 325.95/kg	12,82,284.30

Providing 7 mm. dia. steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design.

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